



THE UNIVERSITY OF DUISBURG-ESSEN

Thinking in terms of possibilities instead of limitations.

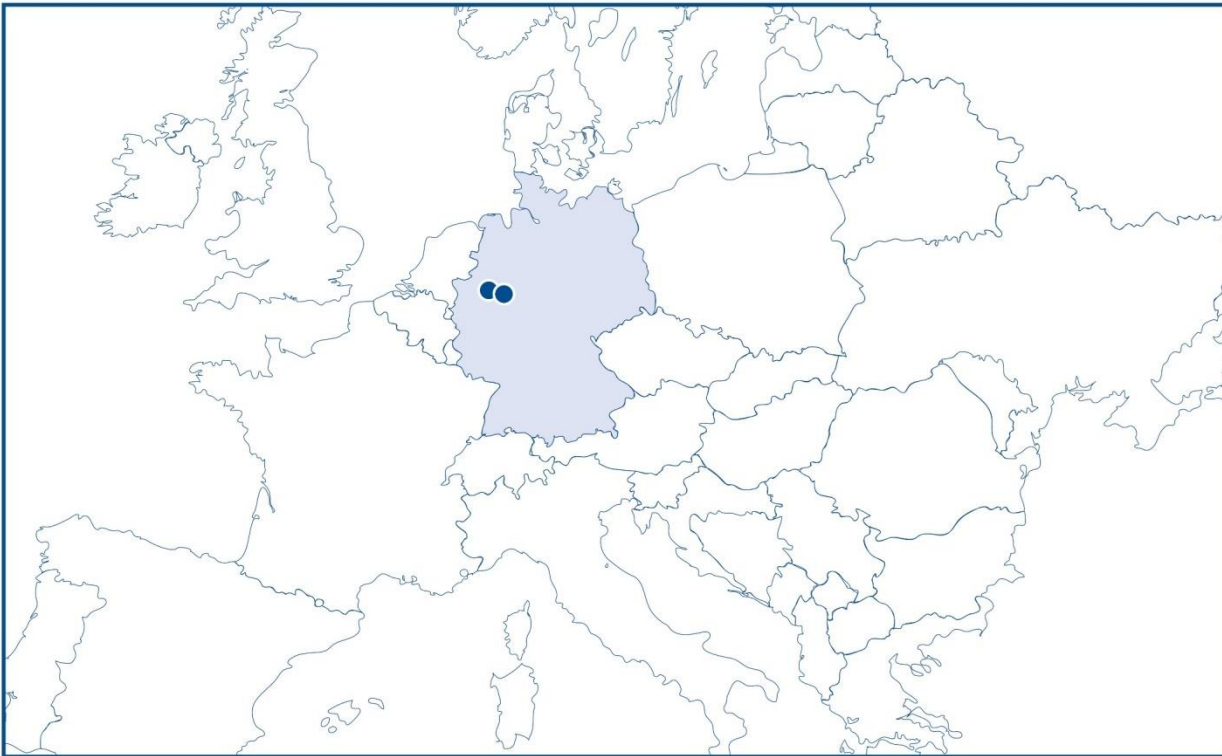
06-2025

UNIVERSITÄT
DUISBURG
ESSEN

Offen im Denken

Campus Locations

In the heart of Europe



Campus Locations

Duisburg



- around 500.000 inhabitants
- the most important steel production site in Europe
- logistical centre of Germany, with the largest inland port in Europe
- home of the Wilhelm Lehmbruck-Museum

Campus Locations

Essen



- around 580.000 inhabitants
- the cultural and economical centre of the Rhine-Ruhr region as well as a hotspot of the service industries
- European Capital of Culture RUHR.2010
- European Green Capital 2017

Good Connections



- A special shuttle bus travels the 20-km distance between the campuses.
- The campuses in Essen and Duisburg are connected by the "Ruhr Bicycle Expressway", the last section of which is currently under construction.
- Motorists take Route A40, traditionally known as the "Ruhr Expressway".

History



- **August 1, 1972**
Foundation of two universities (Gesamthochschulen) in the cities Duisburg and Essen
- **January 1, 2003**
Merger of the two universities and foundation of the University of Duisburg-Essen (UDE)
- **March 12, 2007**
Foundation of the University Alliance Ruhr (UA Ruhr), a strategic research alliance with neighboring universities
- **2020**
UDE holds place 16 in the Times Higher Education Ranking of the world's 250 best young universities and ranks first among the German universities evaluated.
(Source: THE-Ranking 250 under 50)

Overview

Open-Minded



We are a young, innovative university located in the heart of the Ruhr metropolis. We pride ourselves in outstanding research and teaching, think in terms of opportunities rather than limitations and develop ideas with a view to the future.

Diversity is an integral part of our culture as we promote potential and are committed to upholding genuine equity in education.

Overview

12 Departments

- Humanities
- Social Sciences
- Educational Sciences
- Economics
- Business Administration
- Mathematics
- Physics
- Chemistry
- Biology
- Engineering
- Computer Sciences
- Medicine

Overview

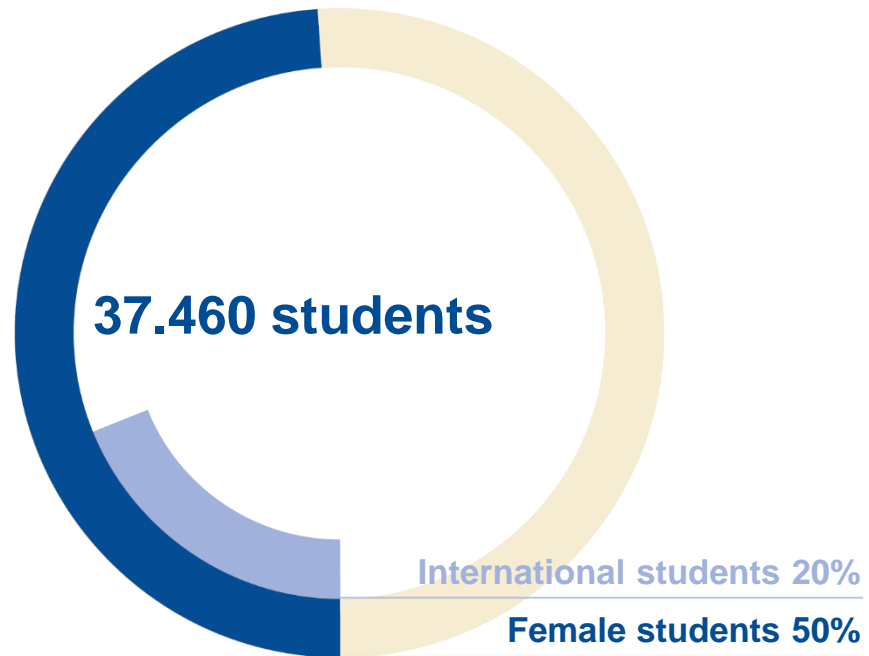
People at the University

37.460	students
512	professors
4.174	academic staff
1.610	employees technical support and administrative services (excluding Faculty of Medicine)

Budget

417,2 Mio. Euro	Public Funds State of North Rhine-Westphalia, of which,
107,9 Mio. Euro	is for the Faculty of Medicine
147,7 Mio. Euro	Third-Party Funds, of which
61,4 Mio. Euro	is for the Faculty of Medicine

Students



Reference period: WS 2024/25

Graduates (WS 2023/24 + SS 2024)

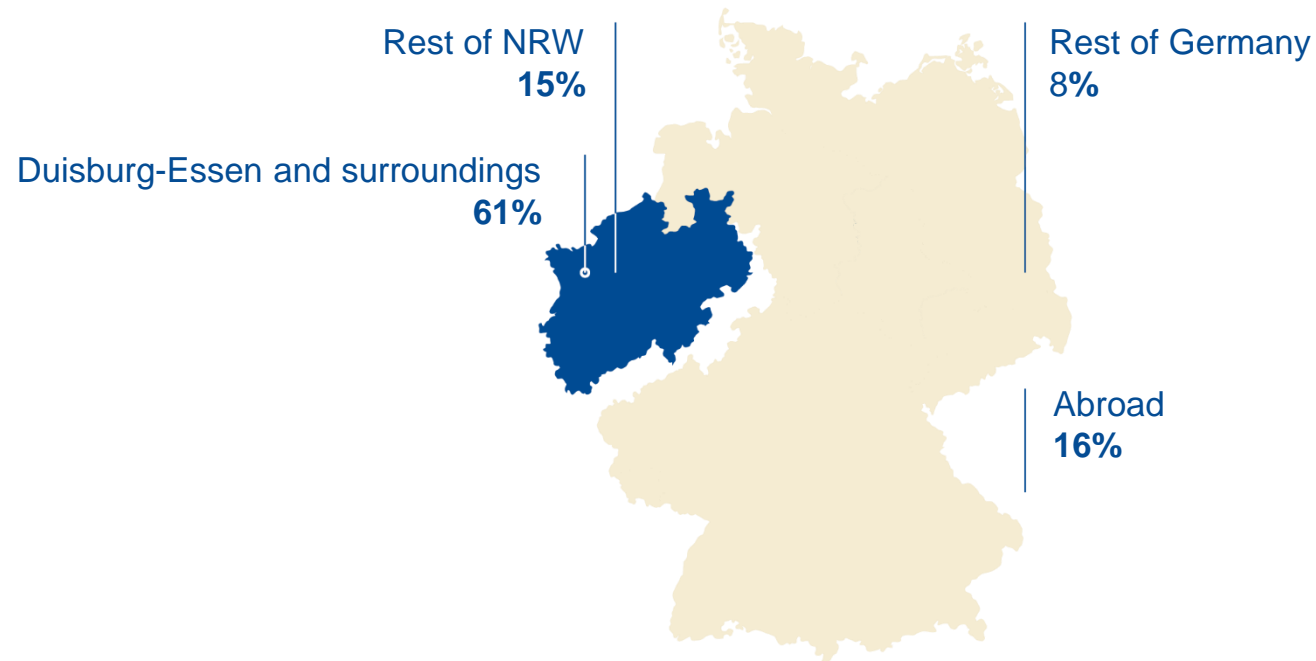


first-year students (SS 2024 + WS 2024/25)

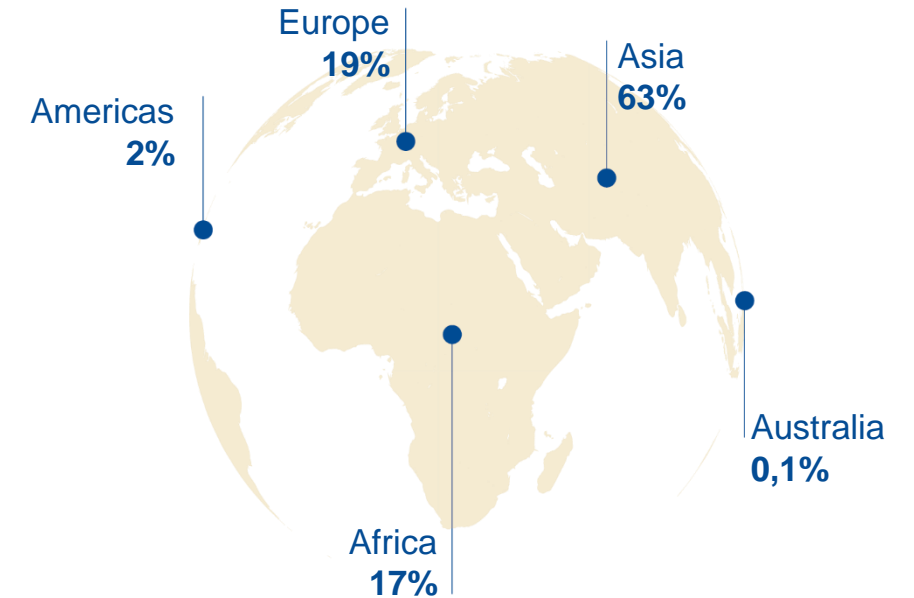


Students

Origin of the students



Incoming students with foreign entrance qualifications



Students by Department

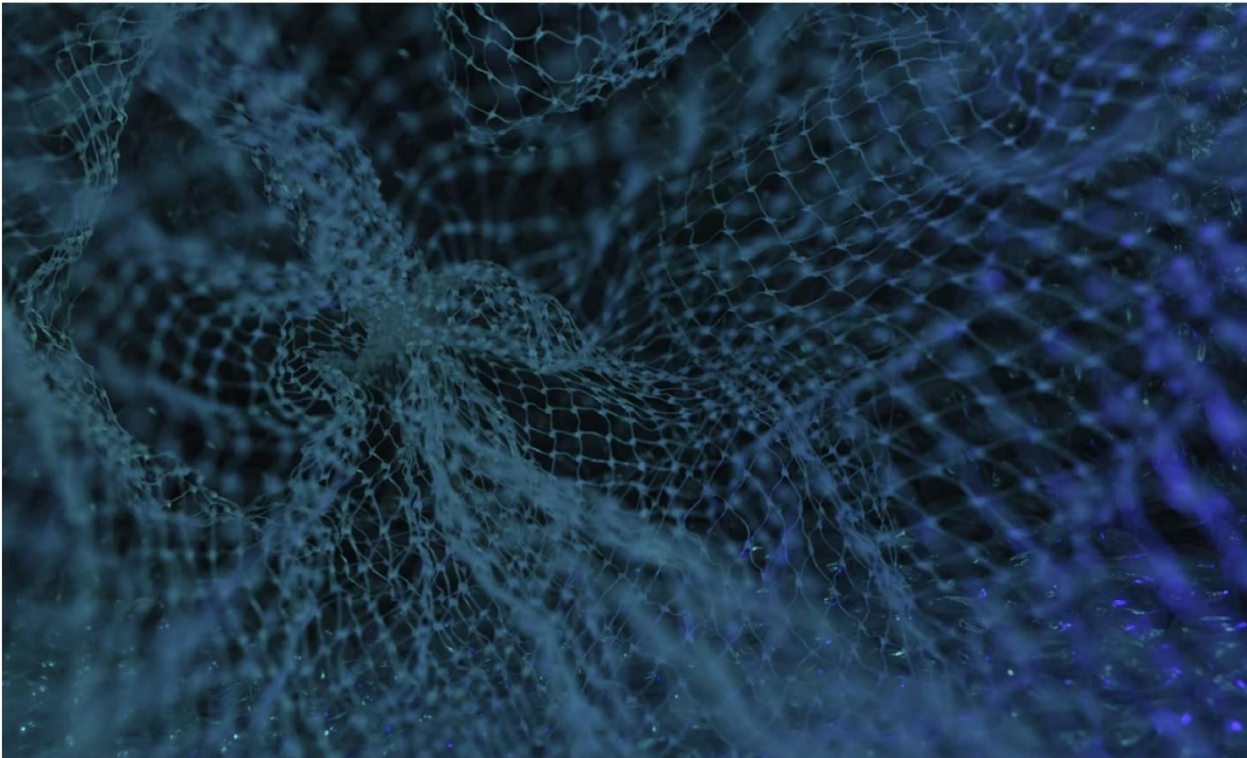
■ Humanities	6.993	■ Physics	579
■ Social Sciences	2.937	■ Chemistry	1.050
■ Educational Sciences	2.628	■ Biology	1.694
■ Economics	2.317	■ Engineering	7.550
■ Business Administration	2.586	■ Computer Sciences	4.192
■ Mathematics	1.602	■ Medicine	3.332

Main Research Areas

- Nanosciences
- Biomedical Sciences
- Transformation of Contemporary Societies
- Water Research

Main Research Areas

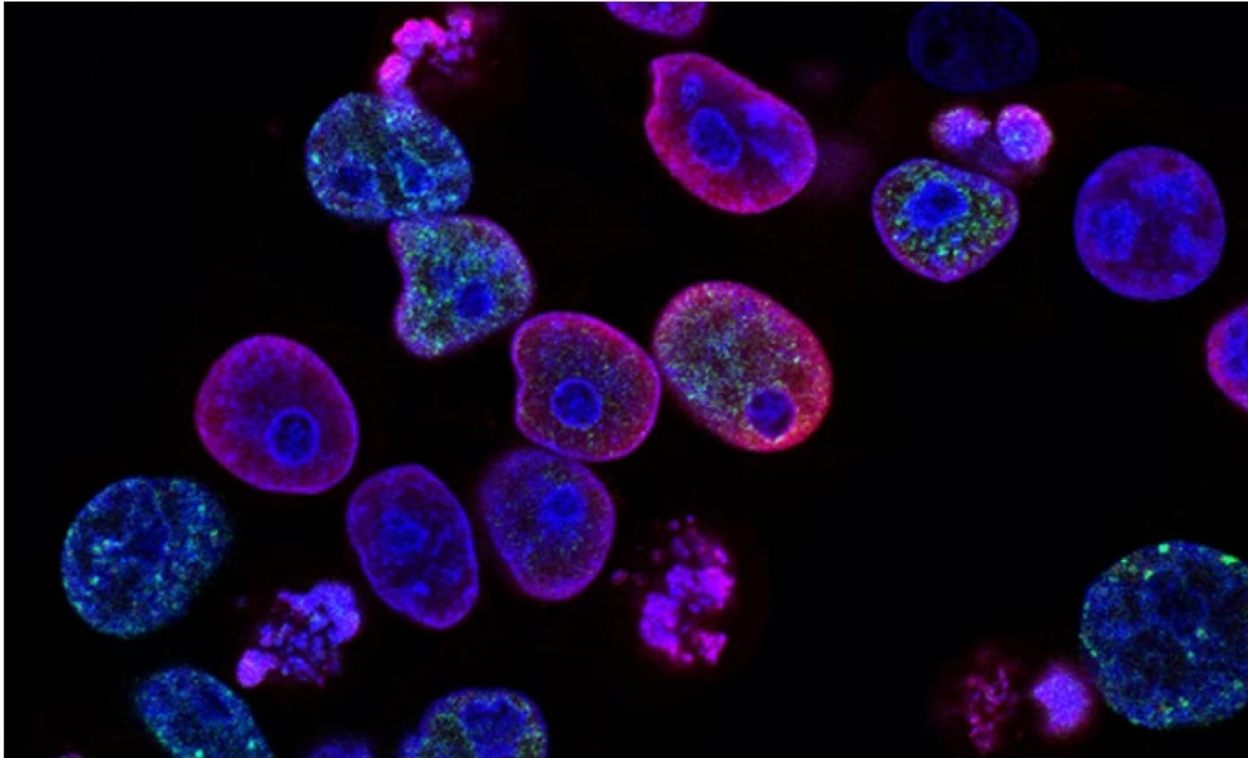
Nanosciences



- Development of nanostructured functional materials for a broad range of applications in a high-tech research center, special focus on applications in the energy sector
- More than 60 research groups comprising approx. 350 scientists from the fields of chemistry, physics, medicine and the engineering sciences are participating, among other things, in collaborative research centers, research training groups and numerous cooperative ventures with industry
- Bachelor's and master's programs in nanoengineering

Main Research Areas

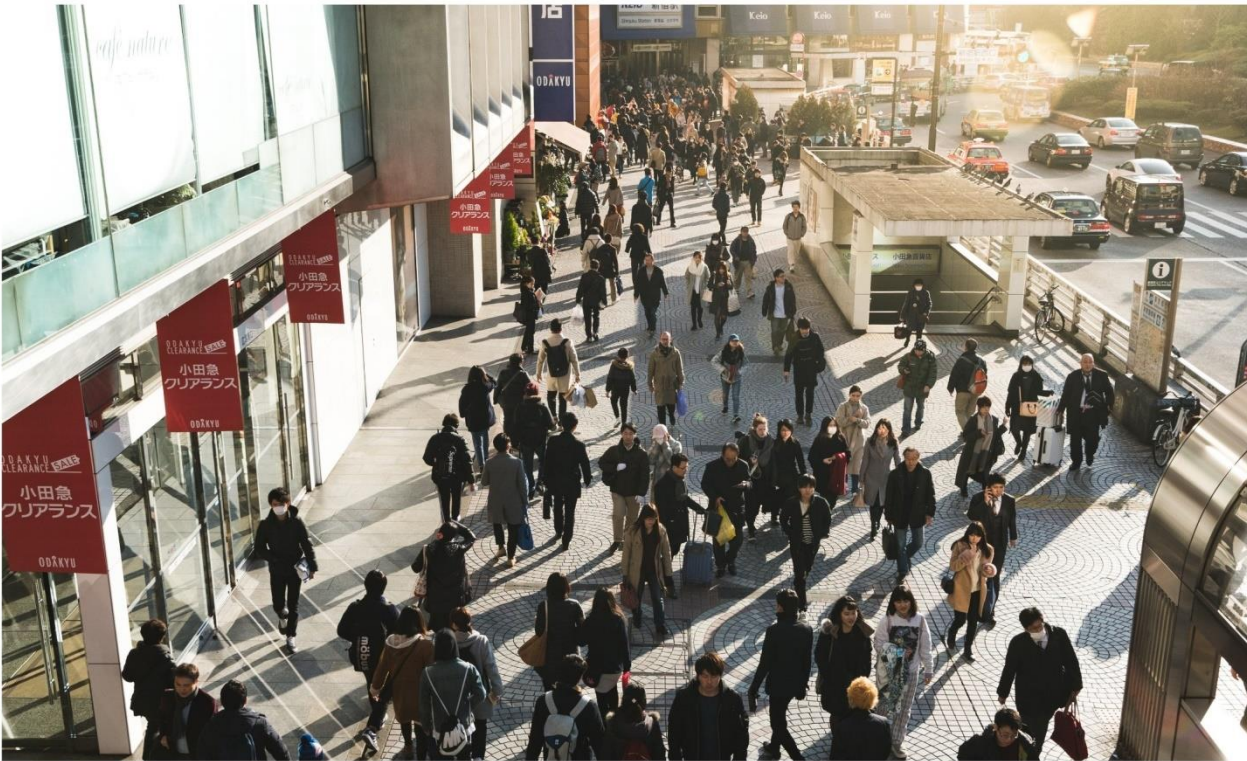
Biomedical Sciences



- New diagnostic methods and treatments are being developed in cooperative interdisciplinary projects.
- Connect the medical research at the Essen University Hospital and the Erwin L. Hahn Institute with the basic scientific research at the Centre for Medical Biotechnology (ZMB).
- The B.Sc. program in medical biology is in especially high demand with 2,700 applicants yearly.

Main Research Areas

Transformation of Contemporary Societies



- Patterns of order in society are modified by the displacement, disappearance and persistence of borders between people, nations of markets.
- The multidisciplinary research being carried out by the six institutes at the UDE connects the fields of sociology, educational science, economic science, political science and other disciplines.
- Centre for Global Cooperation Research (previously Käte Hamburger Kolleg)

Main Research Areas

Water Research



- A sustainable and global water cycle is one of the greatest social challenges of our time.
- How can we succeed in ensuring that water and sanitation facilities are available to all people and that this precious resource is managed sustainably?
- Topics among others: Water treatment and purification, biodiversity and environmental consequences of heavy rainfall

German Research Foundation (DFG) Programs

- **23 Collaborative research centers SFB/TR**
(6 lead institution and 17 participating university)
in Biochemistry, Medicine, Physics and Mathematics and Engineering
- **10 Research training groups**
(6 lead institution and 4 participating university)
in Medical Biotechnology, Infectious Diseases, History, Radiobiology, East Asian Studies, Biomedicine and Social Media plus one participation in Mathematics
- **25 Research units**
(7 lead institution and 18 participating university)
in Engineering, Biology, Social Science, Medicine, Physics and Educational Research
- **20 Priority programs**
(3 lead institution and 17 participating university)
in Chemistry, Engineering, Mathematics, Mechanics, Medicine, Educational Research and Nano sciences

Inter-Faculty Research Centre

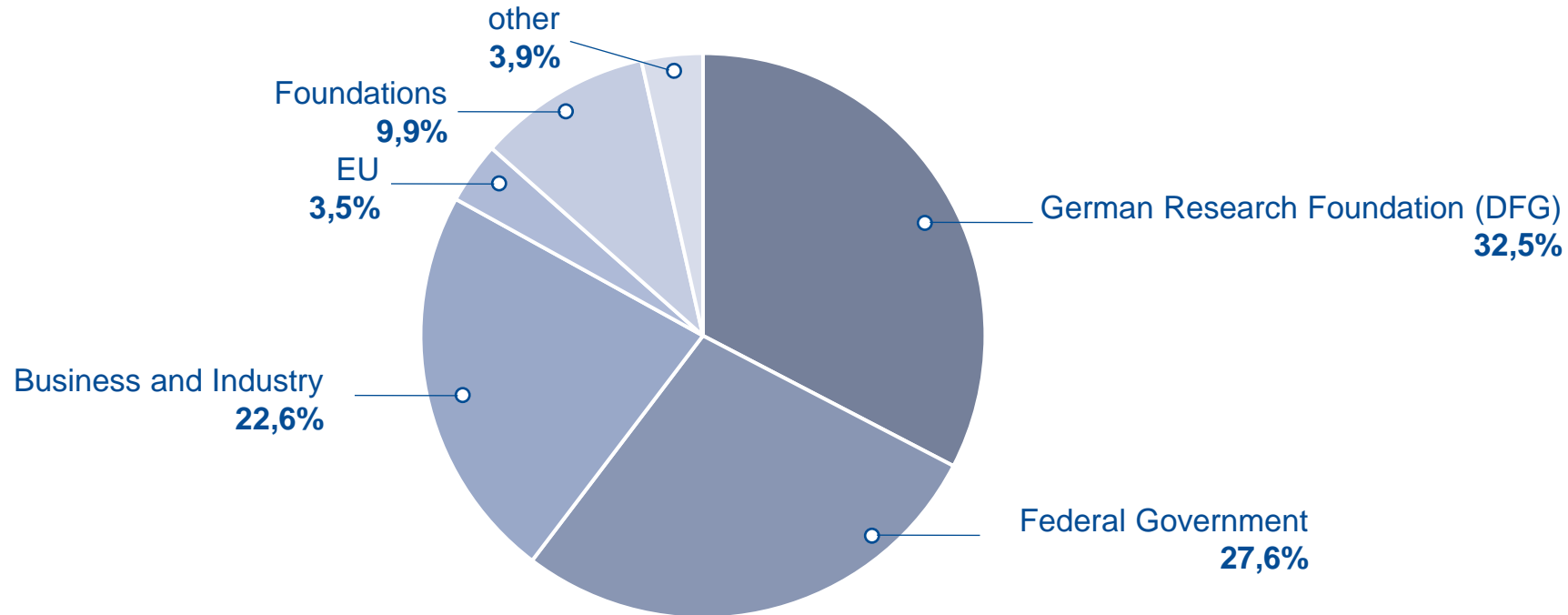
- Centre for Global Cooperation Research
- Center for Nanointegration Duisburg-Essen (**CENIDE**)
- Essen College of Gender Studies (**EKfG**)
- Institute of East Asian Studies (**IN-EAST**)
- Interdisciplinary Centre for Educational Research (**IZfB**)
- Interdisciplinary Centre for Integration and Migration Research (**InZentIM**)
- Centre for Teacher Education (**ZLB**)
- Centre for Logistics and Traffic (**ZLV**)
- Centre for Medical Biotechnology (**ZMB**)
- Centre for Water and Environmental Research (**ZWU**)
- Alliance for Research on East Asia (**AREA Ruhr**) with RUB
- Erwin L. Hahn Institute for Magnetic Resonance Imaging (**ELH**) with the Radboud University Nijmegen
- Institute for Advanced Study in the Humanities Essen (**KWI**) UA Ruhr

Associated Institutes of the University

- German Textile Research Centre North-West (**DTNW**)
- Development Centre for Ship Technology and Transport Systems (**DST**)
- Institute of Energy and Environmental Technology (**IUTA**)
- Institute of Mobile and Satellite Communication Technology (**IMST**)
- Confucius Institute Metropolis Ruhr (**KI Ruhr**)
- Mercator Institute for China Studies (**MERICS**)
- IWW Water Centre (**IWW**)
- Rhine-Ruhr Institute for Social Research and Political Consulting (**RISP**)
- Salomon Ludwig Steinheim Institute (**StI**)
- Centre for Fuel Cell Technology (**ZBT**)
- Center for Studies on Turkey and Integration Research (**ZfTI**)

Expenditures of third-party funds

Total sum 147,7 mill. Euro
(61,4 mill. Euro is for the Faculty of Medicine)



qualifying date: 31.12.2024

Cooperations

University Alliance Ruhr (UA Ruhr)

Unlimited possibilities: The alliance connects the three universities of Bochum, Dortmund and Duisburg-Essen. It was founded in 2007 and has today

- more than 500 study courses, 120,000 students and 1,300 professors
- more than 16,000 graduates and 1,300 doctorates yearly
- about 1.4 milliards Euro budget volume yearly
- about 300 millions Euro third-party funds yearly

- **Joint Research Centres** KWI Institute for Advanced Study in the Humanities Essen
 Alliance for Research on East Asia (AREA Ruhr)
- **Joint Main Research Areas** Materials Chain
 Ruhr Explores Solvation (RESOLV)
- **100 professors at Competence Field Metropolitan Research**

European Network

AURORA

- is a network of 9 universities
(UDE, Vrije Universiteit Amsterdam, University of Iceland, University Federico II of Naples, Universitat Rovira i Virgili, Universität Innsbruck, Palacký University Olomouc, Copenhagen Business School, Université Paris-Est Créteil)
- Universities are excellent in research and dedicated to social responsibility and diversity

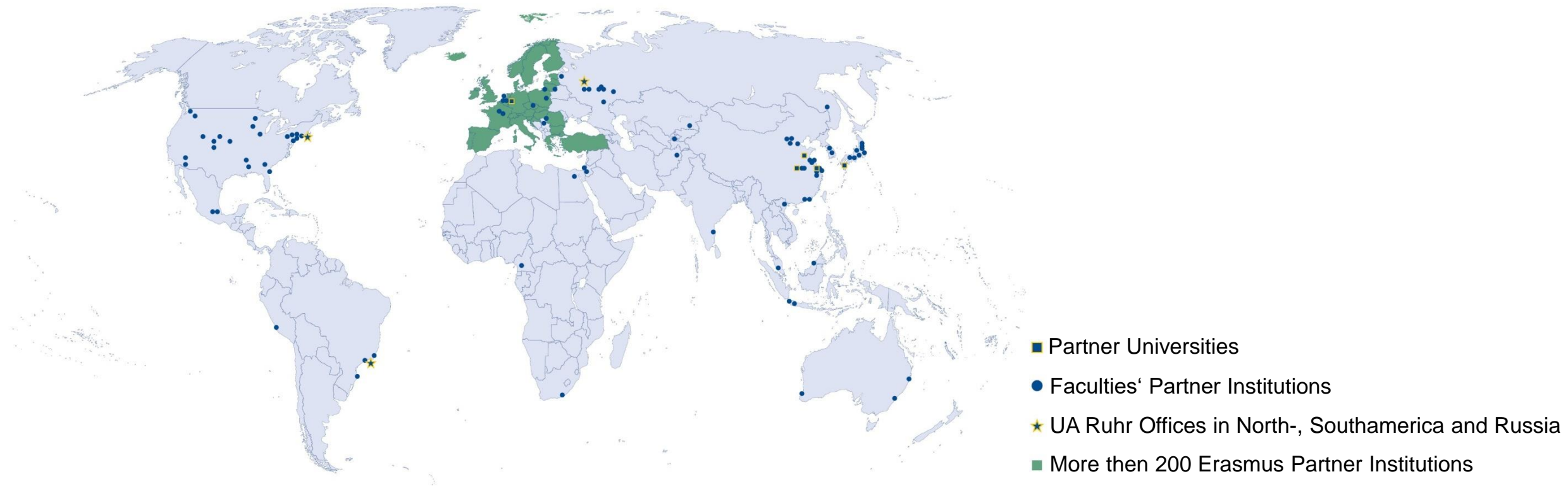
AURORA's main idea and goals

- Connects societal impact and relevance of research
- Means learning from trusted partners
- Increase visibility

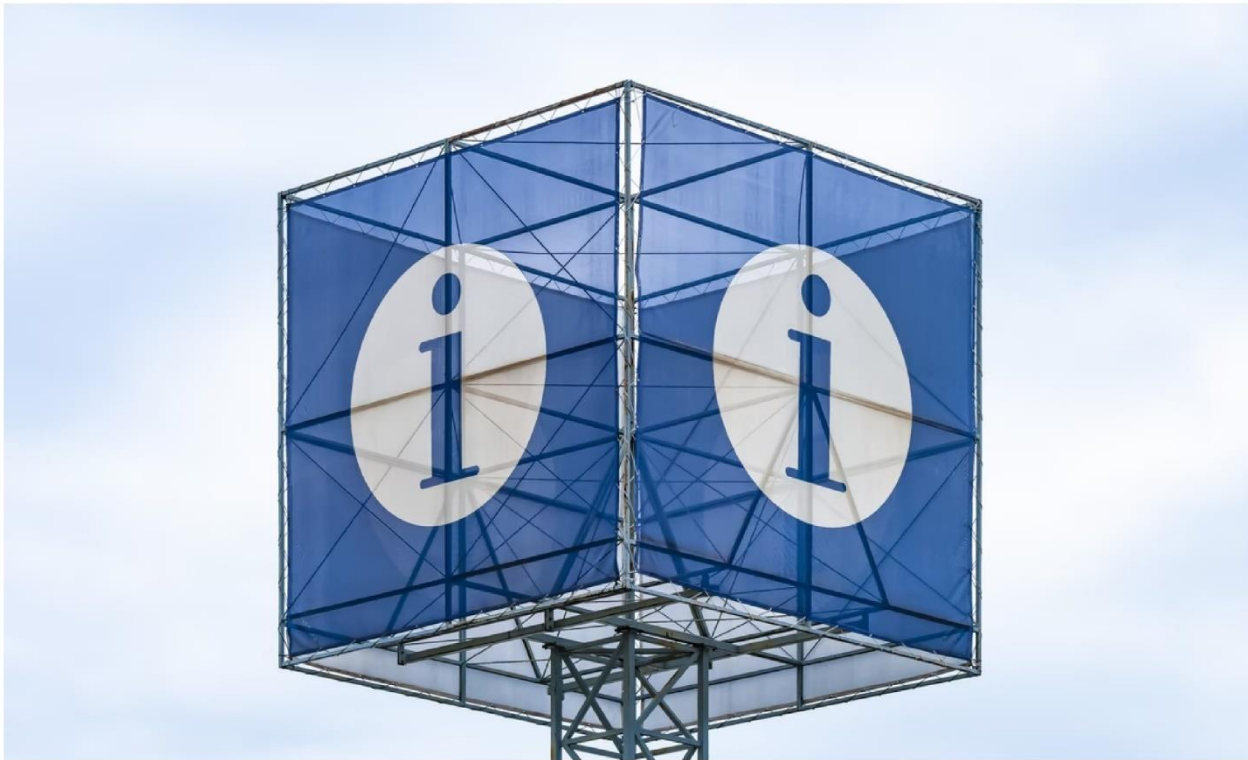
The logo for AURORA, featuring the word "AURORA" in a bold, teal, sans-serif font. The letter 'A' is stylized with a triangular shape on its left side, and the letter 'R' has a triangular shape on its right side.

International

99 active partnerships worldwide



Information and Counselling



- **Student Counselling and Academic Career Services**
With more than 18,500 annual contacts
- **University Sports**
1,500 courses per year
- **University Library**
With 2,4 million print volumes; 300,000 hits on e-books
- **Center for Higher Education and Quality Development**
More than 100 services for quality assurance, teaching and learning
- **Centre for Information and Media Services**
With 30,000 interconnected systems
- **Centre for Teacher Education**
2,500 work placements registered per year

For the general public

Offers for everyone



- **Mercator-Professorship**
e.g. Richard von Weizsäcker, Christiane Nüsslein-Volhard, Alice Schwarzer, Götz Werner, Margarethe von Trotta, Karl Kardinal Lehmann, Alfred Grosser, Joachim Gauck
- **Poet in Residence**
e.g. Günter Grass, Judith Kuckart, Kathrin Röggla, Marion Poschmann, Klaus Modick, Lukas Bärfuss, Dorothee Elmiger & Reto Hänni, Christof Hamann
- **Scientist in Residence**
e.g. Wilhelm Barthlott, Julian Nida-Rümelin, Yi Cui, Heinz-Elmar Tenorth, Alan Ashworth, Michael Batty, John E. Bowers, Seyla Benhabib, Jan Gulliksen
- **Further events**
UniKids – lectures for children, Summer University, taster courses, competition for pupils “freestylephysics”



Thank you for your attention.

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